

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

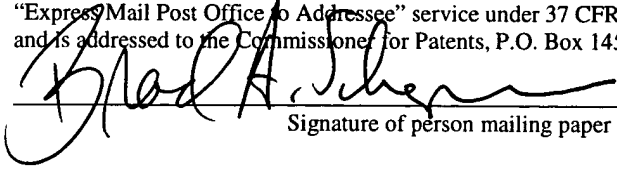
|                               |   |                          |
|-------------------------------|---|--------------------------|
| In re patent application of:  | ) | Before the Examiner      |
| Brad Callis et al.            | ) | (unknown)                |
|                               | ) |                          |
| Serial No. New                | ) | Group Art Unit (unknown) |
|                               | ) |                          |
| Filed July 15, 2003           | ) | July 15, 2003            |
|                               | ) |                          |
| ELECTRICALLY OPERATED         | ) | Ref. No. 3447-14         |
| SOLENOID HAVING AN ADJUSTABLE | ) |                          |
| ACTUATOR PIN LENGTH           | ) |                          |

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

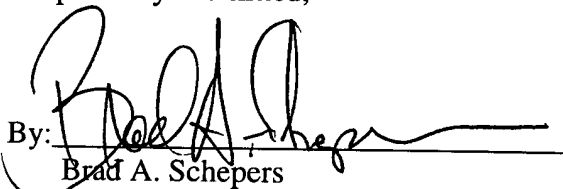
Pursuant to the duty of disclosure embodied in 37 C.F.R. §1.56, Applicants wish to bring to the attention of the Examiner the patents and publications listed on the enclosed Information Disclosure Statement. This information has not been previously submitted in this application, and has not been heretofore cited by the Examiner. Copies of cited items are enclosed in accordance with 37 C.F.R. §1.98.

|                                                                                                                                                                                                                                                                                             |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Express Mail Label No. <b>EV332723754US</b>                                                                                                                                                                                                                                                 | Date of Deposit: <b>July 15, 2003</b> |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                                       |
|                                                                                                                                                                                                          |                                       |
| _____<br>Signature of person mailing paper or fee                                                                                                                                                                                                                                           |                                       |

The filing of this Information Disclosure Statement (IDS) shall not be construed as an admission that the information cited is or is considered to be prior art or material to patentability as defined in 37 C.F.R. §1.56(b).

This Statement is being submitted under 37 CFR 1.97(b) before the occurrence of one or more of the following: (a) receipt of a First Office Action on the merits, (b) passage of three (3) months from the application filing date, or passage of three (3) months from the date entry of the national stage. Accordingly, it is believed that no fee is due. However, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted,

By: 

Brad A. Schepers

Reg. No. 45,431

Woodard, Emhardt, Moriarty

McNett & Henry LLP

Bank one Center/Tower

111 Monument Circle, Suite 3700

Indianapolis, IN 46204-5137

(317) 634-3456

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|                                                                                                                                               |   |    |   |                          |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|--------------------------|---------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <i>Complete if Known</i> |               |
|                                                                                                                                               |   |    |   | Application Number       | New           |
|                                                                                                                                               |   |    |   | Filing Date              | July 15, 2003 |
|                                                                                                                                               |   |    |   | First Named Inventor     | Brad Callis   |
|                                                                                                                                               |   |    |   | Group Art Unit           |               |
|                                                                                                                                               |   |    |   | Examiner Name            |               |
|                                                                                                                                               |   |    |   | Attorney Docket Number   | 3447-14       |
| Sheet                                                                                                                                         | 1 | of | 1 |                          |               |

| U.S. PATENT DOCUMENTS |                       |                                          |                                |                                                      |                                                                                |
|-----------------------|-----------------------|------------------------------------------|--------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Application of Cited Document | Pages, Columns, Lines where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                       | Number-Kind Code <sup>2</sup> (if known) |                                |                                                      |                                                                                |
|                       | 1                     | 4,218,669                                | 08/19/1980                     | Hitchcock et al.                                     |                                                                                |
|                       | 2                     | 4,463,332                                | 07/31/1984                     | Everett                                              |                                                                                |
|                       | 3                     | 4,905,960                                | 03/06/1990                     | Barnhart et al.                                      |                                                                                |
|                       | 4                     | 4,988,074                                | 01/29/1991                     | Najmolhoda                                           |                                                                                |
|                       | 5                     | 5,074,326                                | 12/24/1991                     | Baker et al.                                         |                                                                                |
|                       | 6                     | 5,092,365                                | 03/03/1992                     | Neff                                                 |                                                                                |
|                       | 7                     | 5,136,774                                | 08/11/1992                     | Neff                                                 |                                                                                |
|                       | 8                     | 5,204,652                                | 04/20/1993                     | Baker et al.                                         |                                                                                |
|                       | 9                     | 5,218,999                                | 06/15/1993                     | Tanimoto                                             |                                                                                |
|                       | 10                    | 5,289,841                                | 03/01/1994                     | Maranzano                                            |                                                                                |
|                       | 11                    | 5,467,963                                | 11/21/1995                     | Crofts et al.                                        |                                                                                |
|                       | 12                    | 5,810,030                                | 09/22/1998                     | Uchiyama et al.                                      |                                                                                |
|                       | 13                    | 5,842,679                                | 12/01/1998                     | Kolchinsky                                           |                                                                                |
|                       | 14                    | 6,068,237                                | 05/30/2000                     | Holmes et al.                                        |                                                                                |
|                       | 15                    | 6,086,042                                | 07/11/2000                     | Scott et al.                                         |                                                                                |
|                       | 16                    | 6,404,314                                | 06/11/2002                     | Arnold et al.                                        |                                                                                |
|                       |                       |                                          |                                |                                                      |                                                                                |
|                       |                       |                                          |                                |                                                      |                                                                                |

[illegible]

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.